



Virtual Workshop on  
**Gaps in radiation protection metrology**  
11<sup>th</sup> of September 2020



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The Council Directive 2013/59/EURATOM sets out basic safety standards for protection against exposure to ionising radiation for workers, the public and the environment. Compliance with the corresponding legislation has become more complex due to stricter legal dose assessments, exposure limits and limits on activity concentrations as well as new technological developments and emerging complex practices. This workshop addresses the so-called gaps in metrology and capacities either in the scope of the Council Directive 2013/59/EURATOM or in some aspects of the EURATOM treaty.

In the field of radiation protection, the technological development creates new challenges fast. It is therefore necessary to provide access to identified problems and solutions on a European level. This virtual workshop is part of the EMPIR project 19NET03 support BSS, which aims to prepare a European Metrology Network (EMN) for radiation protection to provide new metrological solutions for the future.

Active participation is welcome. This can include a presentation (in PDF-format) of the existing needs and gap(s) in your observation to the following topics

1. reference fields
2. activity standards
3. radiation protection quantities
4. education and training needs
5. measurement devices for radiation protection in medical or industry applications of ionizing radiation or for environmental monitoring
6. handling and transmission of measurement data
7. type testing: harmonisation and national requirements
8. radiation protection legislation, ISO standards, accreditation

Please register by sending an email to [susanne.eger@ptb.de](mailto:susanne.eger@ptb.de) until 1<sup>st</sup> of September 2020